

**IN THE OFFICE OF THE STATE ENGINEER
OF THE STATE OF NEVADA**

#XXXX

PROPOSED ORDER

**DESIGNATING AND DESCRIBING, ESTABLISHING PREFERRED USE,
AND CURTAILMENT OF NEW APPROPRIATIONS IN THE LONG
VALLEY HYDROGRAPHIC BASIN (01-009) WITHIN WASHOE COUNTY,
NEVADA**

I. DESIGNATING AND DESCRIBING

The State Engineer finds that conditions warrant the designation of the Long Valley Hydrographic Basin (01-009) located within Washoe County, Nevada, and by this Order, pursuant to Nevada Revised Statute (NRS) 534.030, designates the following described areas of land in need of additional administration:

T.39N., R.21E., Mount Diablo Base and Meridian (M.D.B.&M.)

Those portions of Sections 1, 2, 3, and 11 within the Long Valley drainage basin.

T.39N., R.22E., M.D.B.&M.

That portion of Section 6 within the Long Valley drainage basin.

T.39.5N., R.20E., M.D.B.&M.

Those portions of Sections 23, 24, and 25 within the Long Valley drainage basin.

T.39.5N., R.21E., M.D.B.&M.

All of Sections 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 35, and 36 and those portions of Sections 30, 31, 32, 33, and 34 within the Long Valley drainage basin.

T.40N., R.19E., M.D.B.&M.

That portion of Section 1 within the Long Valley drainage basin.

T.40N., R.20E., M.D.B.&M.

All of Sections 1, 2, 3, 4, 9, 10, 11, 12, 13, 14, 15, 23, 24, 25, and 26 and those portions of Sections 5, 6, 8, 16, 17, 21, 22, 27, 34, 35, and 36 within the Long Valley drainage basin.

T.40N., R.21E., M.D.B.&M.

All of Sections 5, 6, 7, 8, 9, 16, 17, 18, 19, 20, 21, 22, 23, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, and 36 and those portions of Sections 3, 4, 10, 13, 14, 15, 24, and 25 within the Long Valley drainage basin.

T.40N., R.22E., M.D.B.&M.

All of Section 30 and those portions of Sections 18, 19, 20, 21, 28, 29, 31, and 32 within the Long Valley drainage basin.

T.41N., R.18E., M.D.B.&M.

Those portions of Sections 1 and 2 within the Long Valley drainage basin.

T.41N., R.19E., M.D.B.&M.

All of Sections 1, 2, 3, 4, 5, 9, 10, 11, 12, 13, 14, 15, 22, 23, 24, 25, and 26 and those portions of Sections 6, 7, 8, 16, 17, 21, 27, 28, 34, 35, and 36 within the Long Valley drainage basin.

T.41N., R.20E., M.D.B.&M.

All of Sections.

T.41N., R.21E., M.D.B.&M.

All of Sections 5, 6, 7, 8, 17, 18, 19, 20, 29, 30, 31, 32, and 33 and those portions of Sections 4, 9, 10, 15, 16, 21, 27, 28, and 34 within the Long Valley drainage basin.

T.42N., R.18E., M.D.B.&M.

All of Sections 25 and 36 and those portions of Sections 13, 14, 23, 24, 26, and 35 within the Long Valley drainage basin.

T.42N., R.19E., M.D.B.&M.

All of Sections 1, 2, 3, 4, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, and 36 and those portions of Sections 5, 6, 7, and 18 within the Long Valley drainage basin.

T.42N., R.20E., M.D.B.&M.

All of Sections 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, and 36 and that portion of Section 1 within the Long Valley drainage basin.

T.42N., R.21E., M.D.B.&M.

All of Sections 19, 29, 30, and 31 and those portions of Sections 6, 7, 17, 18, 20, 21, 22, 27, 28, 32, and 33 within the Long Valley drainage basin.

T.43N., R.18E., M.D.B.&M.

Those portions of Sections 1, 12, 13, 24, and 25 within the Long Valley drainage basin.

T.43N., R.19E., M.D.B.&M.

All of Sections 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 32, 33, 34, 35, and 36 and those portions of Sections 6, 18, 19, 30, and 31 within the Long Valley drainage basin.

T.43N., R.20E., M.D.B.&M.

All of Sections 3, 4, 5, 6, 7, 8, 9, 10, 15, 16, 17, 18, 19, 20, 21, 22, 26, 27, 28, 29, 30, 31, 32, 33, 34, and 35 and those portions of Sections 2, 11, 14, 23, 24, 25, and 36 within the Long Valley drainage basin.

T.44N., R.18E., M.D.B.&M.

Those portions of Sections 1 and 12 within the Long Valley drainage basin.

T.44N., R.19E., M.D.B.&M.

All of Sections 1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 32, 33, 35, and 36 and those portions of Sections 7, 18, 19, 30, and 31 within the Long Valley drainage basin.

T.44N., R.20E., M.D.B.&M.

All of Sections 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 16, 17, 18, 19, 20, 21, 28, 29, 30, 31, 32, 33, and 34 and those portions of Sections 1, 11, 12, 14, 22, 23, 26, 27, and 35 within the Long Valley drainage basin.

T.44N., R.21E., M.D.B.&M.

That portion of Section 6 within the Long Valley drainage basin.

T.45N., R.18E., M.D.B.&M.

That portion of Section 36 within the Long Valley drainage basin.

T.45N., R.19E., M.D.B.&M.

All of Sections 32, 33, 34, 35, and 36 and those portions of Sections 12, 13, 17, 19, 20, 21, 23, 24, 26, 27, 28, 30, and 31 within the Long Valley drainage basin.

T.45N., R.20E., M.D.B.&M.

All of Sections 1, 2, 3, 10, 11, 12, 13, 14, 15, 16, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, and 36 and those portions of Sections 4, 5, 7, 8, 17, and 18 within the Long Valley drainage basin.

T.45N., R.21E., M.D.B.&M.

All of Sections 7, 18, 19, and 30 and those portions of Sections 5, 6, 8, 9, 16, 17, 20, 21, 29, 31, and 32 within the Long Valley drainage basin.

T.46N., R.20E., M.D.B.&M.

All of Sections 11, 14, 23, 24, 25, 26, 34, 35, and 36 and those portions of Sections 1, 2, 3, 10, 12, 13, 15, 21, 22, 27, 28, and 33 within the Long Valley drainage basin.

T.46N., R.21E., M.D.B.&M.

Those portions of Sections 18, 19, 20, 29, 30, 31, and 32 within the Long Valley drainage basin.

T.47N., R.20E., M.D.B.&M.

Those portions of Sections 26, 27, 28, 34, and 35 within the Long Valley drainage basin.

The designated Long Valley Hydrographic Basin is depicted and defined on Nevada Division of Water Resources, State Engineer's Office maps.

II. PREFERRED USE AND CURTAILING NEW APPROPRIATIONS

Nevada Revised Statute § 534.120 provides that within an area that has been designated by the State Engineer where, in his judgment, the groundwater basin is being depleted, the State Engineer in his administrative capacity is empowered to make such rules, regulations, and orders as are deemed essential for the welfare of the area involved.

The Nevada Division of Water Resources estimates that 10,000 acre-feet of water annually is available as the perennial yield from the Long Valley Hydrographic Basin.¹

The committed groundwater appropriations of record in the Office of the State Engineer total 12,095.39 acre-feet annually.²

The State Engineer finds that the current committed groundwater appropriations exceed the perennial yield.

In accordance with NRS 534.120, the safeguarding of the limited groundwater supply within the Long Valley Hydrographic Basin necessitates and demands that irrigation use be excluded from the preferred uses of groundwater resource and that no new appropriations for irrigation purposes be issued.

The State Engineer finds that conditions warrant the curtailment of new appropriations of groundwater within the Long Valley Basin, and by this Order, pursuant to NRS 534.120, orders that with the following exceptions, any application to appropriate groundwater pursuant to NRS Chapters 533 and 534 within the designated Long Valley Basin will be denied. Applications filed under the exceptions below must also satisfy the criteria found in NRS Chapters 533 and 534.

¹ Sinclair, William C., and Richard L. Malchow. *Ground-Water Appraisal of Long Valley Massacre Lake Region, Washoe County, Nevada*, Ground-Water Resources Reconnaissance Series Report 15, (Department of Conservation and Natural Resources - Division of Water Resources and U.S. Department of Interior Geological Survey), June 1963.

² Nevada Division of Water Resources' Water Rights Database, Hydrographic Basin Summary, Long Valley Hydrographic Basin (009), accessed February 13, 2019, official records of the Office of the State Engineer, available at <http://water.nv.gov/undergroundactive.aspx>.

Exceptions, those applications filed for:

1. Environmental use pursuant to NRS 533.437 to 533.4377, inclusive;
2. Temporary appropriations of groundwater for establishing fire-resistant vegetative cover file pursuant to NRS 533.436;
3. Temporary stockwater use pursuant to NRS 533.504 that see appropriations of two acre-feet or less of water annually;
4. Diversion rate only, with no corresponding increase in duty of water; or,
5. Non-consumptive purposes.

Dated at Carson City, Nevada this
_____ day of _____ 2020.

TIM WILSON, P.E.
State Engineer